

ABSTRACT

The present invention relates to curable, permeable resin compositions and methods of using such compositions. One embodiment of provides a method of creating a resin mass comprising the steps of combining a resin, a hardening agent, a hydrocarbon diluent, a silane coupling agent, a foaming agent, a compressible gas, and a degradable material to form a resin composition; placing the resin composition in a subterranean formation; and, allowing the resin to substantially cure and the degradable material to substantially degrade so as to form a permeable, hardened resin mass. Another embodiment of the present invention provides a resin composition useful in subterranean applications comprising a resin, a hardening agent, a hydrocarbon diluent, a silane coupling agent, a foaming agent, a compressible gas, and a degradable material.